



## Postforming machines

**PF 10/42**

**PF 20/31**

**PF 30/26**

The patented  
postforming procedure  
for an individual,  
flexible production

# Cycle type postforming, flexible and economic for all factory sizes

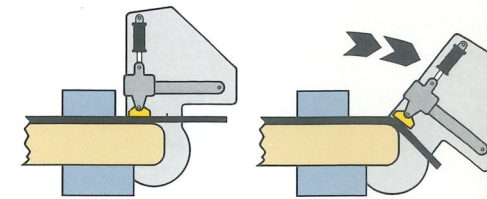
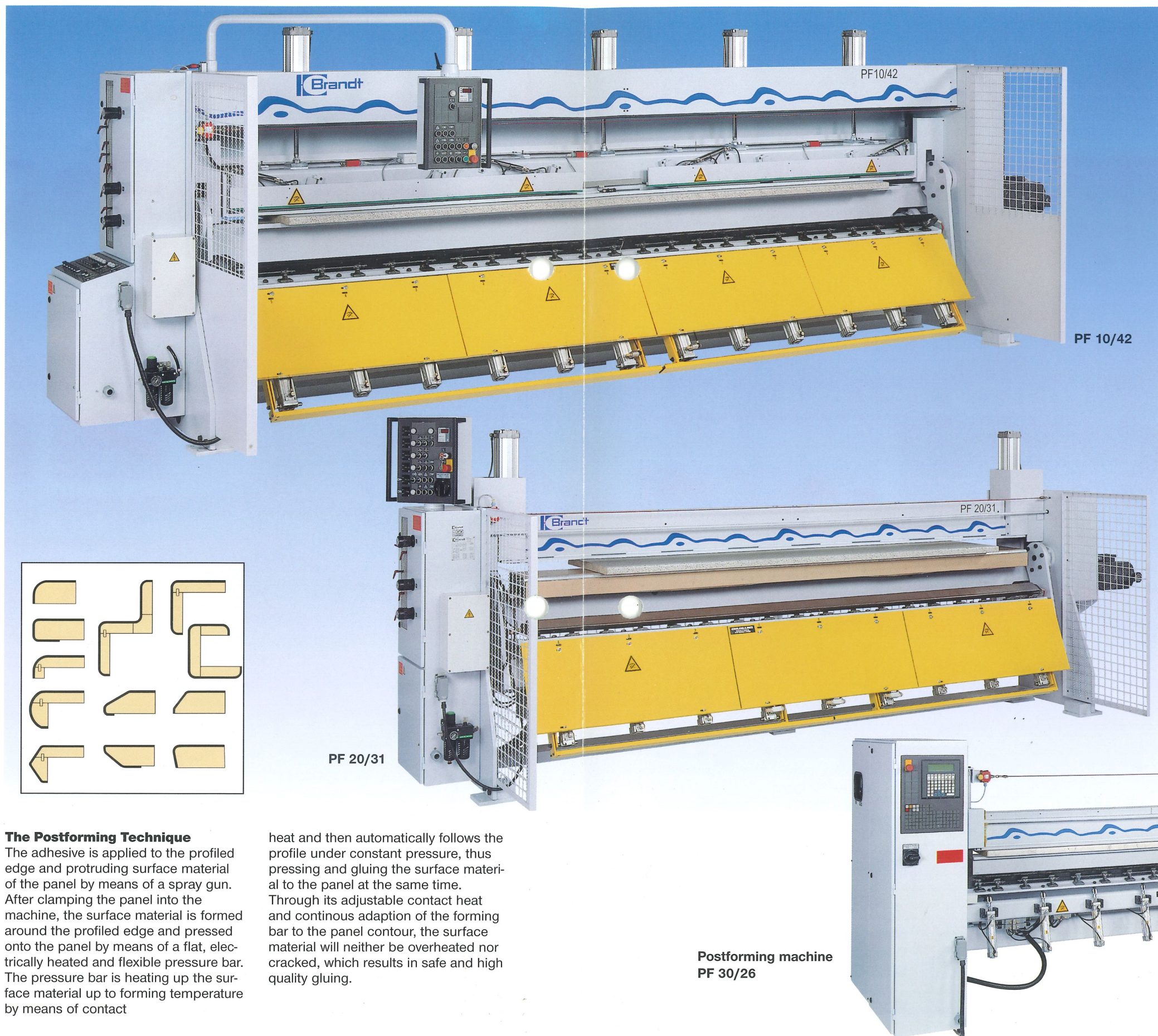


## Patented postforming procedure

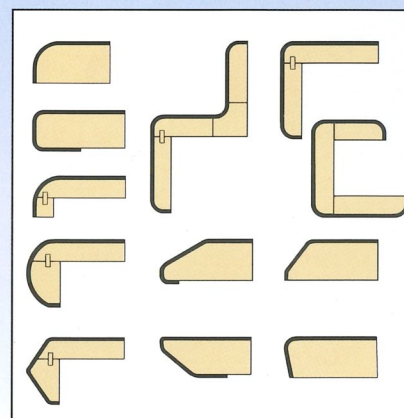
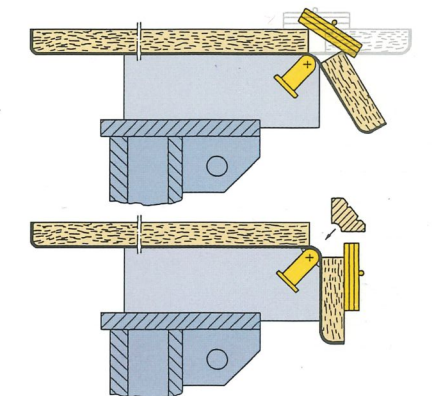
The Brandt Cycle Type Postforming Machines of the PF-series are well-approved and extraordinarily successful in their range of application, on one hand in craftsmen's workshops and small and medium-sized industrial enterprises on the other hand in larger enterprises for the production of single components and small to medium batches on an extremely economical basis.

### Decisive advantages:

- **Uninterrupted covering of surface and edge**
  - Topic furniture design
- **Great variety of surface materials**
  - Decorative high pressure laminates
  - Natural veneers
  - All formable laminates
- **Universal field of application**
  - Both, single components and large series are economically processed
- **Safe gluing**
  - PVAc glue or UF resin
  - The pressure bar is following any positive profile and thus ensures a safe gluing, also at critical points
- **Safe processing**
  - Even when processing single components, the reject rate is under 1%
- **Many different profiles and radii**
  - without the use templates



**Internal radii**  
For components with internal radii, e.g. wall borders of worktables in kitchens, bathrooms and laboratories a special forming bar (option) can be supplied, to be intergrated into the machine. By means of the cold forming bar the panel is being bonded on the heated forming bar for internal radii and fixed with a ledge.

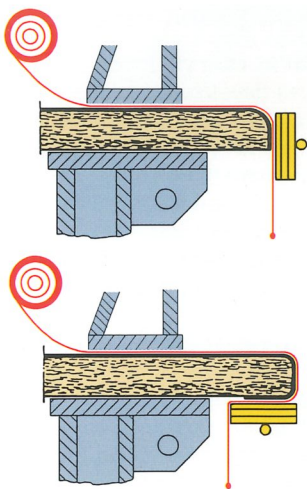
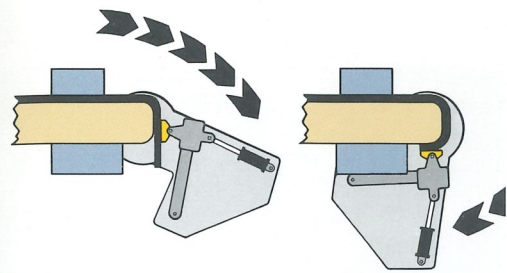


### The Postforming Technique

The adhesive is applied to the profiled edge and protruding surface material of the panel by means of a spray gun. After clamping the panel into the machine, the surface material is formed around the profiled edge and pressed onto the panel by means of a flat, electrically heated and flexible pressure bar. The pressure bar is heating up the surface material up to forming temperature by means of contact

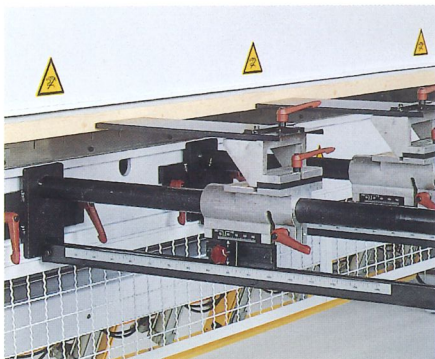
heat and then automatically follows the profile under constant pressure, thus pressing and gluing the surface material to the panel at the same time. Through its adjustable contact heat and continuous adaption of the forming bar to the panel contour, the surface material will neither be overheated nor cracked, which results in safe and high quality gluing.





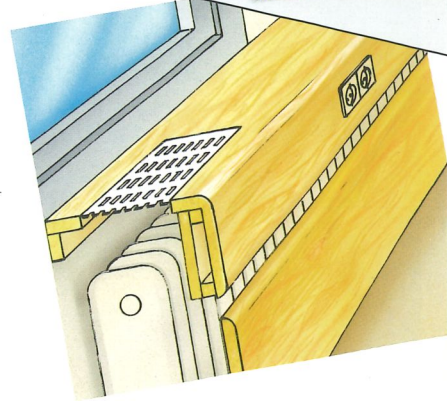
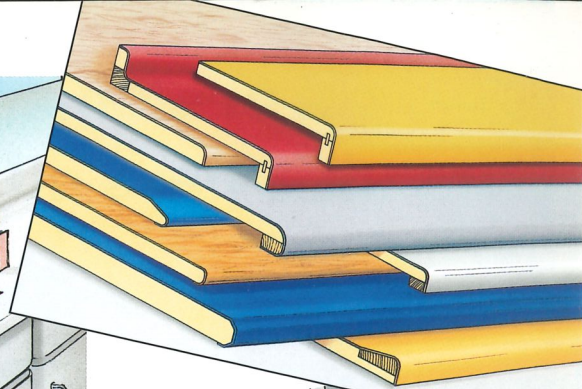
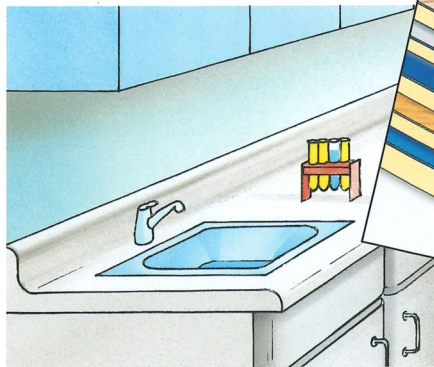
### Foil attachment

As a further option for processing very sensitive laminates and veneers in particular, the machine may be equipped with a special foil being placed between surface material and forming bar, which avoids damage to the surface.



### Workpiece stops PF10/PF20

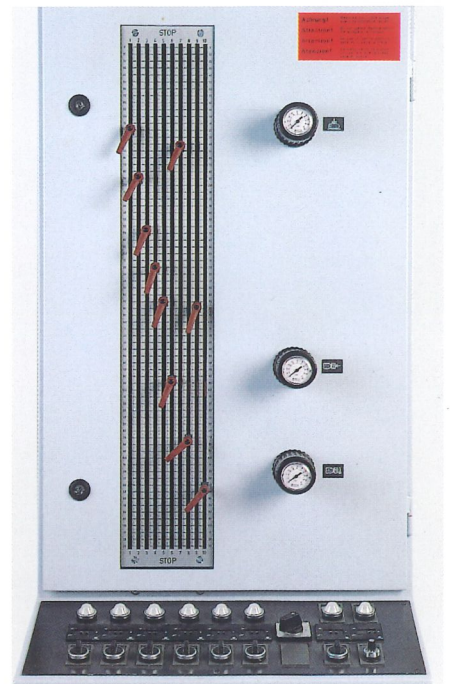
Two adjustable workpiece stops belong to the standard execution of the machine. Also these dates are written down into the data sheet together with all other values, for shortening up the change over times.



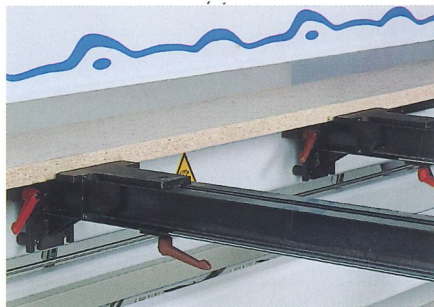
### Electronic control

The new PF30/26 has a very modern electronic control as standard equipment. All different setting points and functions can be stored in programs, which can be called extremely fast. An integrated numeric program control is concerned with a special teach-in function and easy programming.

- Input unit NC 16 with display (8 lines)
- Comfortable administration and storage of up to 120 users' programs with 10 stops each
- Electronic frequency converter for speed adjustment



PF machines can be reset within an extremely short period. Our models PF10/42 and PF20/31 have a machine control with mechanically adjustable stop positions and time relay, which controls the cycle itself. Each profile can be written down on a data sheet and therefore each cycle can be repeated at any time. Optionally both machine types can also be equipped with an electronic control.

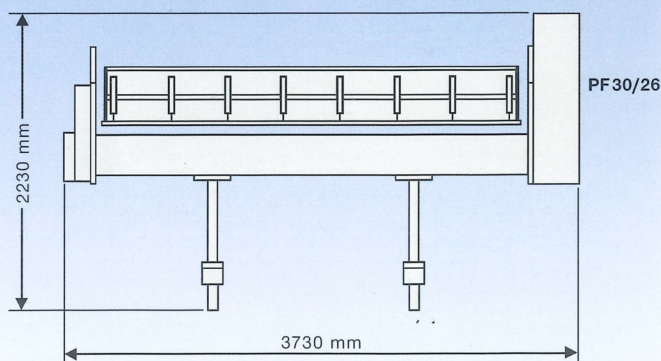
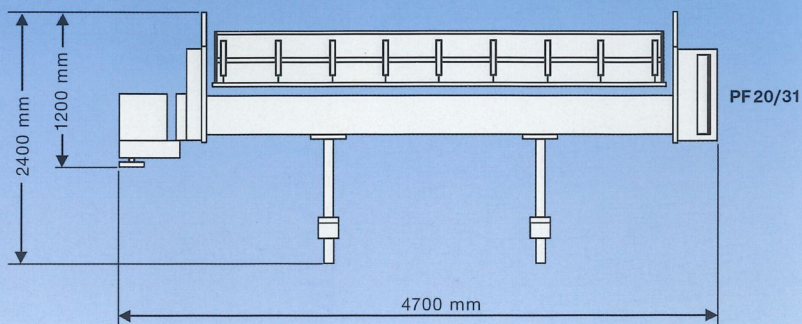
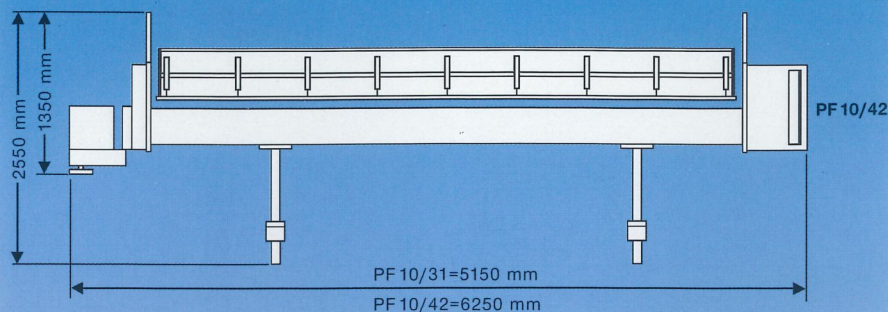


### Workpiece stops PF 30

The workpiece stops of PF30/26 fulfill the same tasks as on the bigger machines PF10 and PF 20, however, in quite a lightweight construction due to the shorter processing length.

# Being a customer at Brandt's pays off

Brandt is the world-wide market leader in the field of craft workshop edge processing. Brandt products are manufactured in series with the most modern CNC-controlled machinery centres. Because Brandt's high standards can only be met with the most up-to-date technology.



## Brandt is everywhere

The well developed service, distribution and retail network means short distances for you, with close proximity to customers throughout the world. In this way distribution partners and advisers are familiar with the market's problems. They are from the trade themselves and speak your language.

## High competence

Continuous training of our distribution partners' sales and service staff in the Brandt training centre guarantees optimal competence in client care.



## DIN EN ISO 9001

### Excellent quality

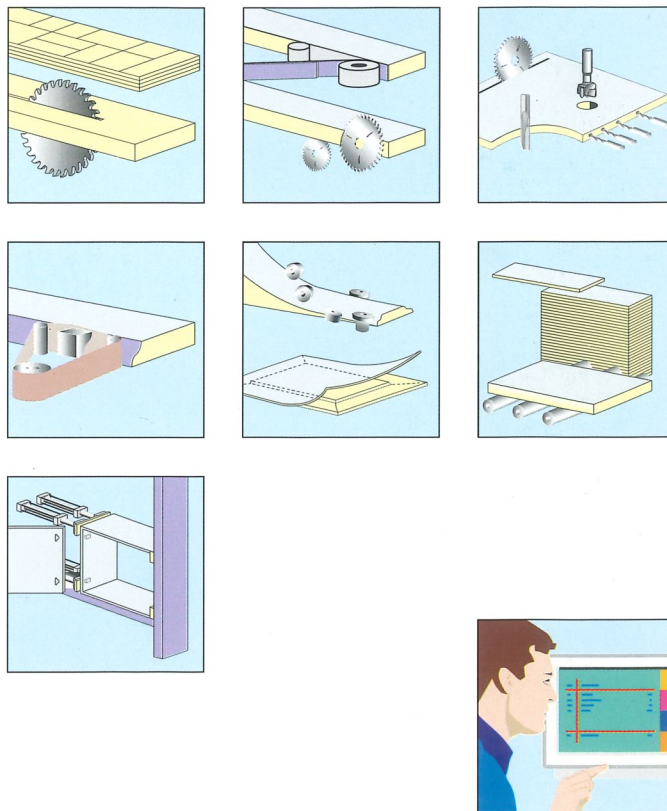
The firm's production, service and distribution are certified to DIN EN ISO 9001 (TÜV CERT).

### Same parts, simple handling

Many parts, control elements and sub-assemblies are identical for Homag Group machines and equipment. This makes operating them easier, simplifies the stock-keeping of spare parts and speeds up maintenance and service.

Technical data	PF 10/42	PF 20/31	PF 30/26
Workpiece length max.	4200 mm	3100 mm	2600 mm
Workpiece length min. (single pieces)	1800 mm	1600 mm	1400 mm
Max. profile height	200 mm	150 mm	120 mm
Min. workpiece thickness	16 mm	16 mm	16 mm
Worktable height	950 mm	950 mm	910 mm
Total height	2050 mm	1850 mm	1670 mm
Total length	6250 mm	4600 mm	3730 mm
Weight	3800 kg	1750 kg	1500 kg
Electrics	400 Volt - 3Ph. - 50Hz., (special voltage possible)		
Conn. value	12 kW	7,5 kW	10 kW
Pneumatic value	7 bar	7 bar	7 bar

Subject to technical alterations. Individual machine illustrations may include optional variations.



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our distribution partner:



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